NTCT

Naval Tactical & Command Trainer

A total solution for operational and tactical training

General Description

Now in its fifth generation, Elbit Systems' Naval Tactical & Command Trainer (NTCT) is a shore-based naval simulator enabling training exercises in various echelons - from cadets to Combat Information Center (CIC) teams, ship commanders to headquarters. Scenarios include surface crafts, submarines, fixed and rotary wing aircraft and shore stations.

The system enables:

- Training commanding officers in tactical analysis and decision making
- Improving teamwork within craft and force level
- Training CIC teams in tactical picture compilation and combat systems operation
- Joint naval, air and ground operations training
- Rehearsal of operational plans and doctrines development
- Evaluation of new weapons systems

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Key Features

- Modular approach with various configurations
- Stand-alone or multi-site Tactical Trainer
- Embedded Procedural Trainer for weapons and sensors
- Integration with C4I systems
- Remote cubicle participation via WAN
- Full-scale debrief and replay capabilities

Technical Information

- Advanced Commercial Off-The-Shelf (COTS) technology implemented in HW and SW
- Open and distributed architecture to allow future growth
- Scalable, from 4 to 40 cubicles
- Distributed Interactive Simulation (DIS)/High Level Architecture (HLA) enabling connectivity with external simulators
- Voice Over IP (VOIP) for voice communication

Major Advantages

- Simultaneous multiple training sessions and debriefing
- Each trainee cubicle can represent one or more fighting units
- Comprehensive, realistic simulation models for sensors and weapons
- Detailed and easy to extract and update exercise data bases
- Automatic events mechanisms
- Realistic damage assessments
- Comprehensive debrief sessions for evaluation of trainee performance, evaluating operational procedures, re-evaluating doctrines and lessons learned

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Training & Simulation